



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/922,067 E
Source: IFW16
Date Processed by STIC: 5/4/04

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MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/cbc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 10/08/03



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/922,067E

DATE: 05/04/2004
TIME: 11:34:46

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\05042004\I922067E.raw

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4 <110> APPLICANT: MacPhee, Colin Houston
5 Tew, David Graham
6 Southan, Christopher Donald
7 Hickey, Deirdre Mary Bernadette
8 Gloer, Israel Simon
9 Lawrence, Geoffrey Mark Prouse
10 Rice, Simon Quentyn John
12 <120> TITLE OF INVENTION: Lipoprotein Associated Phospholipase A2,
13 Inhibitors Thereof and Use of the Same in Diagnosis and
14 Therapy
16 <130> FILE REFERENCE: P30693C4X1C1
18 <140> CURRENT APPLICATION NUMBER: 09/922,067E
19 <141> CURRENT FILING DATE: 2001-08-03
21 <150> PRIOR APPLICATION NUMBER: 09/193,130
22 <151> PRIOR FILING DATE: 2000-11-28
24 <150> PRIOR APPLICATION NUMBER: 08/387,858
25 <151> PRIOR FILING DATE: 1994-06-24
27 <150> PRIOR APPLICATION NUMBER: PCT/GB94/01374
28 <151> PRIOR FILING DATE: 1994-06-24
30 <150> PRIOR APPLICATION NUMBER: GB 9313144.9
31 <151> PRIOR FILING DATE: 1993-06-25
33 <160> NUMBER OF SEQ ID NOS: 13
35 <170> SOFTWARE: FastSEQ for Windows Version 4.0
37 <210> SEQ ID NO: 1
38 <211> LENGTH: 37
39 <212> TYPE: PRT
40 <213> ORGANISM: Homo sapien
42 <400> SEQUENCE: 1
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44 1 5 10 15
45 Ser Asn Lys Ala Ser Leu Ala Phe Leu Gln Lys His Leu Gly Leu His
46 20 25 30
47 Lys Asp Phe Asp Gln
48 35
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 30
53 <212> TYPE: PRT
54 <213> ORGANISM: Homo sapien
56 <400> SEQUENCE: 2
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58 1 5 10 15
59 Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala Asn
60 20 25 30

```

Does Not Comply
Corrected Diskette Needed
(pg. 2-3, 6-8)

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Input Set : A:\seqlist.txt
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63 <210> SEQ ID NO: 3
64 <211> LENGTH: 27
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapien
68 <400> SEQUENCE: 3
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71 Gln Asn Phe Ala Asp Phe Thr Phe Ala Thr Gly
72   20          25
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76 <211> LENGTH: 19
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapien
82 <400> SEQUENCE: 4
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84   1           5           10          15
85 Pro Ala Asn
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 420
91 <212> TYPE: DNA
92 <213> ORGANISM: Homo sapien
94 <220> FEATURE:
95 <221> NAME/KEY: misc_feature
96 <222> LOCATION: 265, 390, 395, 403, 406
97 <223> OTHER INFORMATION: n = A,T,C or G
99 <400> SEQUENCE: 5
100 aaaaaaaccta tttaatcct aattgttattt ctctattcct gaagagttct gtaacatgat 60
101 gtgttgattt gttgtgttaa tggatgtccc tgaaataaga ttctcatcat ctccttcaat 120
102 caaggcgtcc cactgatcaa aatctttatg aagtctaaa tgctttgtt agaatgctaa 180
103 tgaagctttt ttgcttaagat caatagctgc atttgaatct atgtctccct ttaatttgag 240
W--> 104 catgtgtcca attatttgc cagtncaa agtgaagtca gcaaaattct ggtggactga 300
105 acccctgatt gtaatcatct ttctttctt atcaggttag tagcatttt tcattttat 360
106 gatattagca ggatattgga aatattcagn gttgntaaaa agngnggct gagggattct 420
109 <210> SEQ ID NO: 6
110 <211> LENGTH: 379
111 <212> TYPE: DNA
112 <213> ORGANISM: Unknown
W--> 114 <220> FEATURE: Homo sapien - Please do not insert a response
115 <221> NAME/KEY: misc_feature
116 <222> LOCATION: 84
117 <223> OTHER INFORMATION: n = A,T,C or G
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120 tgctaataatc ataaaaatga aaaaatgta ctcacctgat aaagaaagaa agatgattac 60
W--> 121 aatcagggggt tcagtcacc agantttgc tgacttcaact tttgcaactg gcaaaataat 120
122 tggacacatg ctcaaattaa aggagacat agattcaa atgtttagtgc atcttagcaa 180
123 caaagcttca tttagcattct tacaaaagca tttaggactt cataaaagatt ttgttcagt 240
124 ggactgctt attgaaggag atgatgagaa tcttattcca gggaccaaca ttaacacaac 300
125 caattcaaca catcatgtt acagaacttc ttccaggaa taggaggaaa tacaattggg 360
126 gtttaaaaata gttttttt 379

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Please do not insert a response
on line 114. Please use
numeric identifier (223)
to explain (213) responses.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/922,067E

DATE: 05/04/2004
TIME: 11:34:46

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\05042004\I922067E.raw

128 <210> SEQ ID NO: 7
 129 <211> LENGTH: 279
 130 <212> TYPE: DNA
 131 <213> ORGANISM: Unknown
 W--> 133 <220> FEATURE: Homo sapien Same error
 134 <221> NAME/KEY: misc_feature
 135 <222> LOCATION: 257
 136 <223> OTHER INFORMATION: n = A,T,C or G
 138 <400> SEQUENCE: 7
 139 gaagaatgca ttagattaa agtttgcata ggaacaactg aaggactcta ttgataggga 60
 140 aaaaatagca gtaattggac attctttgg tggagcaacg gttattcaga ctcttagtga 120
 141 agatcagaga ttcagatgtg gtattccctt ggatgcattt atgtttccac tgggtgatga 180
 142 agtatattcc agaattcctc agcccttctt ttttatcaac tctgaatatt tccaatatcc 240
 W--> 143 tgctaataatc ataaaaatgg aaaaatgcta ctcacctgg 279
 145 <210> SEQ ID NO: 8
 146 <211> LENGTH: 572
 147 <212> TYPE: DNA
 148 <213> ORGANISM: Homo sapien
 150 <400> SEQUENCE: 8
 151 aaaatagcag taattggaca ttcttaggt ggagcaacgg ttattcagac tcttagtcaa 60
 152 gatcagagat tcagatgtgg tattccctg gatgcattt gttttccact gggtgatgaa 120
 153 gtatattcca gaattcctca gcccttctt tttatcaact ctgaatattt ccaatatcct 180
 154 gctaataatca taaaaatgaa aaaatgtac tcacctgata aagaaagaaa gatgattaca 240
 155 atcagggggtt cagtccacca gaattttgct gacttcactt ttgcaactgg caaaataatt 300
 156 ggacacatgc tcaaattaaa gggagacata gattcaaatg tagctattga tcttagcaac 360
 157 aaagcttcat cagcattctt acaaaagcat ttaggacttc ataaagattt tgatcagtgg 420
 158 gactgcttga ttgaaggaga ttagtggat cttatccag ggaccaacat taacacaacc 480
 159 aatcaacaca tcatgttaca gaactcttca ggaatagaga aatacaatta ggattaaaat 540
 160 aggtttta aaaaaaaaaa aaaaaaaaaact cg 572
 162 <210> SEQ ID NO: 9
 163 <211> LENGTH: 1361
 164 <212> TYPE: DNA
 165 <213> ORGANISM: Homo sapien
 167 <220> FEATURE:
 168 <221> NAME/KEY: CDS
 169 <222> LOCATION: (38)...(1360)
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 172 tgagagacta agctgaaact gctgctcagc tcccaag atg gtg cca ccc aaa ttg 55
 173 Met Val Pro Pro Lys Leu
 174 1 5
 176 cat gtg ctt ttc tgc ctc tgc ggc tgc ctg gct gtg gtt tat cct ttt 103
 177 His Val Leu Phe Cys Leu Cys Gly Cys Leu Ala Val Val Tyr Pro Phe
 178 10 15 20
 180 gac tgg caa tac ata aat cct gtt gcc cat atg aaa tca tca gca tgg 151
 181 Asp Trp Gln Tyr Ile Asn Pro Val Ala His Met Lys Ser Ser Ala Trp
 182 25 30 35
 184 gtc aac aaa ata caa gta ctg atg gct gct gca agc ttt ggc caa act 199
 185 Val Asn Lys Ile Gln Val Leu Met Ala Ala Ser Phe Gly Gln Thr
 186 40 45 50

RAW SEQUENCE LISTING
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Input Set : A:\seqlist.txt
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188	aaa atc ccc cg	g g a a t g g g c	c t t t c c g t	t g t a c a g a c	t t a	247
189	Lys Ile Pro Arg	Gly Asn Gly Pro	Tyr Ser Val Gly	Cys Thr Asp	Leu	
190	55	60	65	70		
192	atg ttt gat cac act aat aag ggc acc	t t c t t g c g t	t t a t a t c c a			295
193	Met Phe Asp His Thr Asn Lys	Gly Thr Phe Leu Arg	Leu Tyr Tyr Pro			
194	75	80	85			
196	tcc caa gat aat gat cgc ctt gac acc	c t t g g a t c c a	a a t a a a g a a			343
197	Ser Gln Asp Asn Asp Arg	Leu Asp Thr Leu Trp	Ile Pro Asn Lys	Glu		
198	90	95	100			
200	tat ttt tgg ggt ctt agc a a a	t t t c t t g g a	a c a c a c t g g	c t t a t g g c		391
201	Tyr Phe Trp Gly Leu Ser Lys	Phe Leu Gly Thr His	Trp Leu Met	Gly		
202	105	110	115			
204	aac att ttg agg tta ctc ttt ggt	t c a a t g a c a	a c t c c t g c a	a a c t g g		439
205	Asn Ile Leu Arg Leu Leu Phe	Gly Ser Met Thr	Thr Pro Ala Asn	Trp		
206	120	125	130			
208	aat tcc cct ctg agg cct ggt	g a a a a t c c a	c t t g t t t t c t			487
209	Asn Ser Pro Leu Arg Pro	Gly Glu Lys Tyr	Pro Leu Val Val	Phe Ser		
210	135	140	145	150		
212	cat ggt ctt ggg gca ttc agg	a c a c t t c t g c t	a t t g g c a t t	g a c		535
213	His Gly Leu Gly Ala Phe Arg	Thr Leu Tyr Ser	Ala Ile Gly Ile	Asp		
214	155	160	165			
216	ctg gca tct cat ggg ttt ata	g t t g c t g t a	g a a c a c a g a	g a t a g a		583
217	Leu Ala Ser His Gly Phe Ile	Val Ala Val Glu	His Arg Asp Arg			
218	170	175	180			
220	tct gca tct gca act tac tat	t t c a a g g a c	c a a t c t g c t	g c a g a a a t a		631
221	Ser Ala Ser Ala Thr Tyr	Tyr Phe Lys Asp	Gln Ser Ala Ala	Glu Ile		
222	185	190	195			
224	ggg gac aag tct tgg ctc tac	c t t a g a a c c	c t g a a a a c a a	g a g g a g g		679
225	Gly Asp Lys Ser Trp Leu	Tyr Leu Arg Thr	Leu Lys Gln Glu	Glu Glu		
226	200	205	210			
228	aca cat ata cga aat gag	c a g g t a c g g	c a a a g a g a a	t g t t c c		727
229	Thr His Ile Arg Asn Glu	Gln Val Arg Gln	Arg Ala Lys	Glu Cys Ser		
230	215	220	225	230		
232	caa gct ctc agt ctg att	c t t g a c t t a t	g a t c a t g g a	a a g c c a g t g	a a g	775
233	Gln Ala Leu Ser Leu Ile	Leu Asp Ile Asp	Ile His Gly	Lys Pro Val	Lys	
234	235	240	245			
236	aat gca tta gat tta aag	t t t g a t g g a a	c a a c t g a a g	g a c t c t	a t t	823
237	Asn Ala Leu Asp Leu Lys	Phe Asp Met Glu	Gln Leu Lys	Asp Ser Ile		
238	250	255	260			
240	gat agg gaa a a a a t a	g c a g t a a t t	g g a c a t t c t	t t t g g t g g a	g c a a c g	871
241	Asp Arg Glu Lys Ile Ala	Val Ile Gly His	Ser Phe Gly	Gly Ala Thr		
242	265	270	275			
244	gtt att cag act ctt agt	g a t c a g a t t	g a t c a g a t g	t g t g g t a t t	g c c	919
245	Val Ile Gln Thr Leu Ser	Glu Asp Gln Arg	Phe Arg Cys	Gly Ile Ala		
246	280	285	290			
248	ctg gat gca tgg atg	t t t c c a c t g g t	g a t g a t a t	t c c a g a a t t		967
249	Leu Asp Ala Trp Met	Phe Pro Leu Gly	Asp Glu Val	Tyr Ser Arg	Ile	
250	295	300	305	310		
252	cct cag ccc ctc ttt	a t c a a c t c t	g a a t a t t c	c a a t a t c c t	g c t	1015

RAW SEQUENCE LISTING
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Input Set : A:\seqlist.txt
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253 Pro Gln Pro Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala
254 315 320 325
256 aat atc ata aaa atg aaa aaa tgc tac tca cct gat aaa gaa aga aag 1063
257 Asn Ile Ile Lys Met Lys Lys Cys Tyr Ser Pro Asp Lys Glu Arg Lys
258 330 335 340
260 atg att aca atc agg ggt tca gtc cac cag aat ttt gct gac ttc act 1111
261 Met Ile Thr Ile Arg Gly Ser Val His Gln Asn Phe Ala Asp Phe Thr
262 345 350 355
264 ttt gca act ggc aaa ata att gga cac atg ctc aaa tta aag gga gac 1159
265 Phe Ala Thr Gly Lys Ile Ile Gly His Met Leu Lys Leu Lys Gly Asp
266 360 365 370
268 ata gat tca aat gca gct att gat ctt agc aac aaa gct tca tta gca 1207
269 Ile Asp Ser Asn Ala Ala Ile Asp Leu Ser Asn Lys Ala Ser Leu Ala
270 375 380 385 390
272 ttc tta caa aag cat tta gga ctt cat aaa gat ttt gat cag tgg gac 1255
273 Phe Leu Gln Lys His Leu Gly Leu His Lys Asp Phe Asp Gln Trp Asp
274 395 400 405
276 tgc ttg att gaa gga gat gat gag aat ctt att cca ggg acc aac att 1303
277 Cys Leu Ile Glu Gly Asp Asp Glu Asn Leu Ile Pro Gly Thr Asn Ile
278 410 415 420
280 aac aca acc aat caa cac atc atg tta cag aac tct tca gga ata gag 1351
281 Asn Thr Thr Asn Gln His Ile Met Leu Gln Asn Ser Ser Gly Ile Glu
282 425 430 435
284 aaa tac aat t 1361
285 Lys Tyr Asn
286 440
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290 <211> LENGTH: 7
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapien
294 <400> SEQUENCE: 10
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299 <210> SEQ ID NO: 11
300 <211> LENGTH: 20
301 <212> TYPE: PRT
302 <213> ORGANISM: Homo sapien
304 <400> SEQUENCE: 11
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306 1 5 10 15
307 Phe Ala Thr Gly
308 20
311 <210> SEQ ID NO: 12
312 <211> LENGTH: 7
313 <212> TYPE: PRT
314 <213> ORGANISM: Homo sapien
316 <400> SEQUENCE: 12
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318 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/04/2004
PATENT APPLICATION: US/09/922,067E TIME: 11:34:47

Input Set : A:\seqlist.txt
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Please Note:

Se of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> or <223> fields of each sequence which presents at least one n or Xaa.

eq#:5; N Pos. 265,390,395,403,406

eq#:6; N Pos. 84

eq#:7; N Pos. 257

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/922,067E

DATE: 05/04/2004

TIME: 11:34:47

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\05042004\I922067E.raw

L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:240
M:341 Repeated in SeqNo=5
L:114 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:60
L:133 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:240

(Sample of Submitted Error)

US/09/922,067

E

Page 8

<210> SEQ ID NO 13
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 13

Gln Tyr Ile Asn Pro

1 5

1/6 Q delete